

NF 8-pole control relays

Pilot duty rated A600 / Q600

AC / DC operated

2



NF44E

Description

NF control relays are used for switching auxiliary and control circuits.

These control relays are of the block type design with:

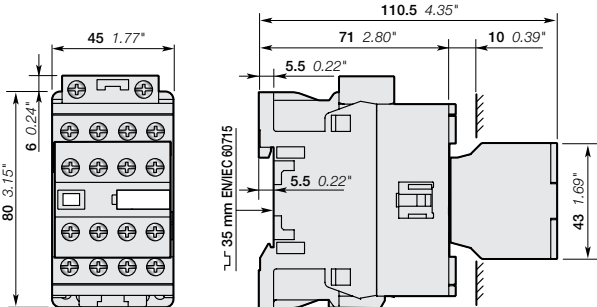
- 8 poles with a permanently fixed 4-pole auxiliary contact block. Control relays have mechanically linked auxiliary contact elements (side-marked symbol)
- control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage range (e.g. 100...250 V AC and DC)
 - can manage large control voltage variations
 - only 4 control voltage ranges covering 24...500 V 50/60 Hz and 20...500 V DC
 - reduced panel energy consumption
 - very distinct closing and opening
- built-in surge suppression
- add-on auxiliary contact blocks for side mounting and a wide range of accessories

Ordering details

Number of contacts		Rated control circuit voltage Uc min. ... Uc max.	Catalog number	Global reference code	Weight	
1st stack	2nd stack				Pkg (1 pce)	
		V 50/60 Hz	V DC		kg	
		24...60	- (1)	NF44E-41	1SBH137001R4144	0.320
		48...130	48...130	NF44E-12	1SBH137001R1244	0.320
		100...250	100...250	NF44E-13	1SBH137001R1344	0.320
		250...500	250...500	NF44E-14	1SBH137001R1444	0.360
		24...60	- (1)	NF53E-41	1SBH137001R4153	0.320
		48...130	48...130	NF53E-12	1SBH137001R1253	0.320
		100...250	100...250	NF53E-13	1SBH137001R1353	0.320
		250...500	250...500	NF53E-14	1SBH137001R1453	0.360
		24...60	- (1)	NF62E-41	1SBH137001R4162	0.320
		48...130	48...130	NF62E-12	1SBH137001R1262	0.320
		100...250	100...250	NF62E-13	1SBH137001R1362	0.320
		250...500	250...500	NF62E-14	1SBH137001R1462	0.360
		24...60	- (1)	NF71E-41	1SBH137001R4171	0.320
		48...130	48...130	NF71E-12	1SBH137001R1271	0.320
		100...250	100...250	NF71E-13	1SBH137001R1371	0.320
		250...500	250...500	NF71E-14	1SBH137001R1471	0.360
		24...60	- (1)	NF80E-41	1SBH137001R4180	0.320
		48...130	48...130	NF80E-12	1SBH137001R1280	0.320
		100...250	100...250	NF80E-13	1SBH137001R1380	0.320
		250...500	250...500	NF80E-14	1SBH137001R1480	0.360

(1) For 24...60 V 50/60 Hz - 20...60 V DC, use NF..E-11 (see voltage code table). NF..E-11 not suitable for direct control by PLC-output.

Main dimensions mm, inches



NF44E, NF53E, NF62E, NF71E, NF80E